

Kilkenny 2018

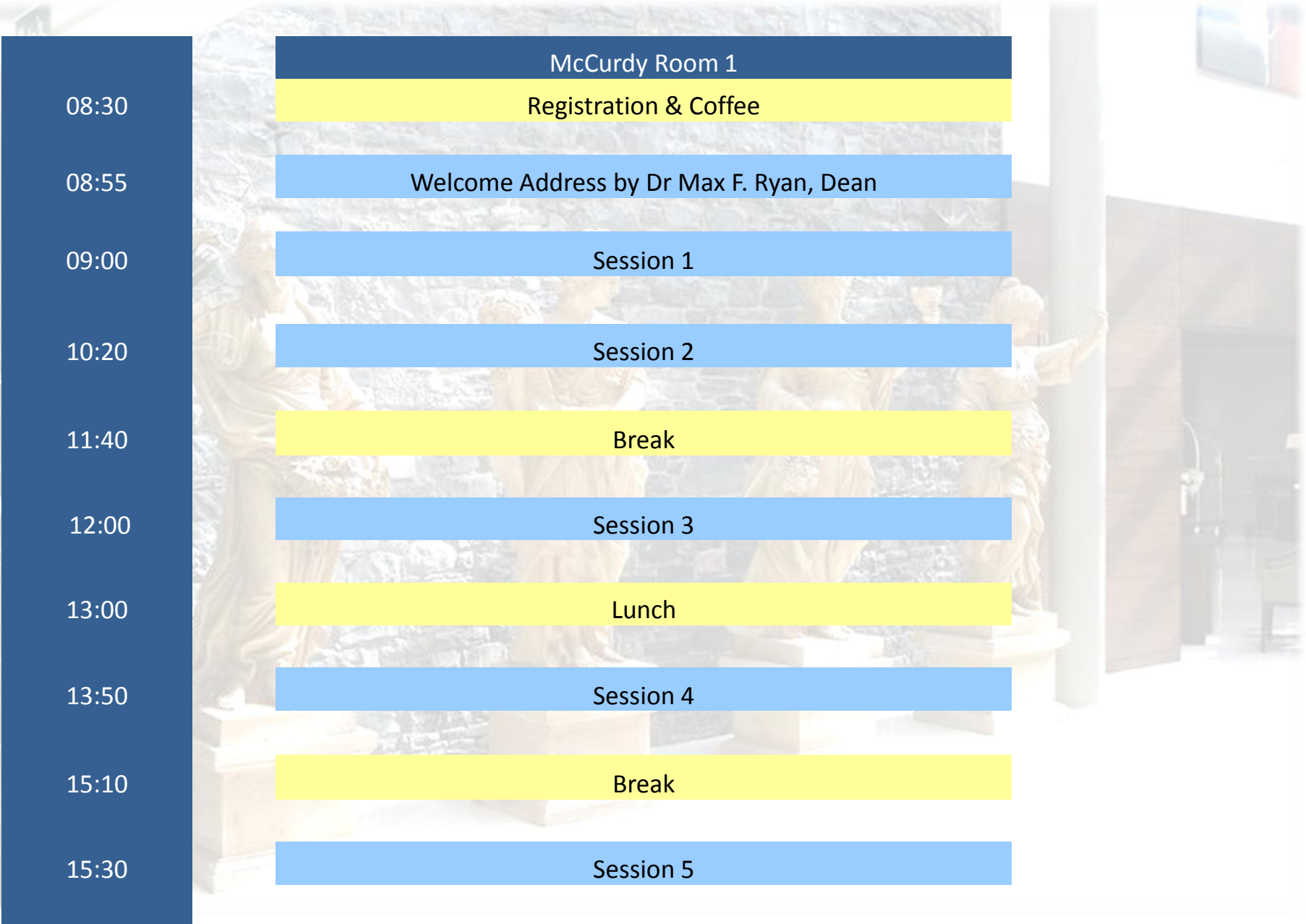
Faculty of Radiologists Irish MRI Meeting  
20<sup>th</sup> January 2018, Lyrath Estate  
Head to Toe MRI



6 External CPD credits have been  
awarded by the Faculty of Radiologists



**RCSI** FACULTY OF  
**RADIOLOGISTS**



08:30  
08:55  
09:00  
10:20  
11:40  
12:00  
13:00  
13:50  
15:10  
15:30

McCurdy Room 1

Registration & Coffee

Welcome Address by Dr Max F. Ryan, Dean

Session 1

Session 2

Break

Session 3

Lunch

Session 4

Break

Session 5



## ROOM 1: McCurdy Room 1

08:30	Registration & Coffee	
08:55	Welcome Address	Prof Max F. Ryan, Dean
09:00	<b>Session 1</b>	Moderator: Dr Cressida Brennan / UHL
09:00	Dr Ian Murphy / AMNCH	Cardiomyopathy made easy
09:20	Dr Deirdre Duke / BH	Breast MRI
09:40	Dr Gabrielle Colleran / CUH	Fetal imaging: technique and common pathologies
10:00	Dr Brian Hogan / SSC	MRI imaging of injuries to the abdominal and chest wall
10:20	<b>Session 2</b>	Moderator: Dr Ian Brennan / SJH
10:20	Dr Ethna Phelan / OLCCH	An approach to the MR assessment of structural abnormalities of the brain
10:40	Dr Seamus Looby / BH	The Radiologists Approach to the Anatomical Spaces of the Head and Neck
11:00	Prof James Meaney / SJH	MRI in Stroke - what does MRA offer?
11:20	Dr Paul O'Sullivan / Bon Secours Cork	MR Imaging of tumours and pseudotumours of the chest wall
11:40	<b>BREAK: McCurdy Room 2</b>	Tea & coffee, meet the sponsors, poster session
12:00	<b>Session 3</b>	Moderator: Prof Michelle McNicholas / MMUH
12:00	Dr Eoghan McCarthy / Connolly Hospital	Wrist MRI
12:20	Ms Mary Egan / UHL	Everyday Challenges for the MR Radiographer
12:40	Mr David Costello / MMUH	Protecting patients & staff in MRI: From Head to Toe

**ROOM 1: McCurdy Room 1**

- 13:00 **LUNCH: McCurdy Room 3** Meet the sponsors, poster session
- 13:50 **Session 4** Moderator: Dr Marie Staunton / MUH
- 13:50 Dr Mark Knox / MMUH Cystic Pancreatic Lesions
- 14:10 Dr Paddy Gilligan / Mater Private Device Squad: A multidisciplinary benefit risk approach to implant safety
- 14:30 Dr Kevin Murphy / MUH SIJ spondyloarthropathy and endplate findings on MRI
- 14:50 Dr Jonathan Ryan / UHS Posterolateral Rotatory Instability of the Elbow
- 15:10 **BREAK: McCurdy Room 2** Tea & coffee, meet the sponsors, poster session
- 15:30 **Session 5** Moderator: Dr Anthony Ryan / UHW
- 15:30 Dr Martina Morrin / BH MRI in Rectal Cancer
- 15:50 Dr Peter MacEaney / MUH Why DWI?
- 16:10 Dr Paul Foran / Connolly Hospital MRI of the Elbow: The Basics
- 16:30 **FEEDBACK AND MEETING CLOSE**

# Poster Display List

## Poster Display No. 1

**MRI findings of Central Nervous System lymphoid vessels: a review of the radiological and scientific literature and discussion of neuroimmunological implications**

Shane M. Crilly<sup>1</sup>

1. Department of Surgery, Royal Perth Hospital, Perth, Western Australia, 6000

## Poster Display No. 2

**Molecular Magnetic resonance (mMRI) imaging: a review of currently available research imaging techniques and clinical applications**

Shane M. Crilly<sup>1</sup>

1. Department of Surgery, Royal Perth Hospital, Perth, Western Australia, 6000

## Poster Display No. 3

**The diagnostic accuracy of diffusion-weighted imaging- magnetic resonance imaging compare to positron emission tomography/computed tomography in evaluating and assessing pathological response to treatment in adult patients with lymphoma: a systematic review**

John J. Fitzpatrick, Miriam A. Ryan, John F. Bruzzi

Dept. of Radiology, National University of Ireland Galway, Ireland

## Poster Display No. 4

**Cardiac MR T1 mapping at no expense – calibration and measurement pilot study**

C O'Rourke, I Welaratne, O Buckley, IG Murphy

Department of Radiology, Tallaght Hospital, Tallaght, D24.

## Poster Display No. 5

**Pictorial review of the MRI characteristics of benign liver lesions**

A. Weir, C. O'Brien, J. McCann, R. Ryan

Department of Radiology, St. Vincent's University Hospital, Elm Park, Dublin 4



## Poster Display List Contd.

### **Poster Display No. 6**

#### **A Systems-Based Pictorial Review of the MRI Appearances of Melanoma**

C McQuade <sup>1</sup>, C O'Brien <sup>2</sup>, CS Quinlan <sup>1</sup>, M Dempsey <sup>1</sup>, W Torregianni <sup>3</sup>

<sup>1</sup> Department of Plastic & Reconstructive Surgery, The Mater Misericordiae University Hospital (MMUH), Eccles St., Dublin 7

<sup>2</sup> Department of Radiology, St. Vincent's University Hospital, Elm Park, Dublin 4

<sup>3</sup> Department of Radiology, The Adelaide & Meath Hospital, Tallaght, Dublin 24

### **Poster Display No. 7**

#### **External phased array wearable pelvic coil image quality for prostate MRI**

R O'Donohoe, R Dunne, V Kimbrall, C Tempany.

Department of Radiology, Brigham and Women's Hospital, Boston, USA.

### **Poster Display No. 8**

#### **The evolving role of magnetic resonance imaging in myocarditis**

Dr Francis Delaney, Gold Coast University Hospital, Australia

Dr AJ Wesley, Richard Slaughter Centre of Excellence in Cardiovascular MRI, Department of Radiology, The Prince Charles Hospital, Brisbane

### **Poster Display No. 9**

#### **A clinical audit of MRI cancellations due to claustrophobia and other causes in a major teaching hospital.**

A Yates, B Gibney, J Ryan, C Garvey, L Lawler

Radiology Department, Mater Misericordiae University Hospital, Eccles Street, Dublin

### **Poster Display No. 10**

A Pictorial Essay on MRI of Penile Malignancies.

Aneeq Ahmed<sup>1</sup>, Gasim Ahmed<sup>2</sup>, Fintan Wallis<sup>3</sup>

<sup>1</sup>Department of cardiology, University Hospital Limerick, Limerick, Ireland

<sup>2</sup>Graduate Entry Medical School, University of Limerick, Limerick, Ireland

<sup>3</sup>Department of Radiology, University Hospital Limerick, Limerick, Ireland

## Poster Display List Contd.

### **Poster Display No. 11**

**Traumatic vertebral artery injury associated with cervical spine injuries detected on MRI in the National Spinal Injury Unit.**

MC Murphy, D Ryan, P MacMahon.

National Spinal Injury Unit, Mater Misericordiae University Hospital.

### **Poster Display No. 12**

**Iron Gait: Superficial Siderosis in a 16 year-old eleven years after posterior fossa resection – Case report and Literature Review**

Dr R McCormack, Department of Neurology, Beaumont Hospital

Dr S Looby, Department of Radiology, Beaumont Hospital

### **Poster Display No. 13**

**MR Imaging of Benign and Malignant Penile Lesions: A Pictorial Review**

A. Stroiescu <sup>1</sup>, J. Hennebery <sup>1</sup>, I. Cullen <sup>2</sup>, J. Heneghan <sup>1</sup>.

1. Department of Radiology, University Hospital Waterford.

2. Department of Urologic Surgery, University Hospital Waterford.

### **Poster Display No. 14**

**Prostate MRI: PI-RADS v2 in practice – a pictorial review.**

A Hegarty, S Dolan, P MacEaney, K Murphy

Dept of Radiology, Mercy University Hospital, Cork

### **Poster Display No. 15**

**Looking outside the zones –**

**Incidental extra-prostatic findings on prostate MRI studies**

S Power, S Dolan, K O'Regan

Radiology Department, Cork University Hospital/Mercy University Hospital



## Poster Display List Contd.

### **Poster Display No. 16**

**A pictorial review of Calcaneal Lesions- imaging findings, indications for biopsy and biopsy technique.**

J. Hennebry, A. Stroiescu, M. Farrell

Department of Radiology, University Hospital Waterford.

### **Poster Display No. 17**

**MRI of the Corpus Callosum: pictorial essay**

G C Saha, N El Saeity, N Ramesh

Radiology Department, Midland Regional Hospital, Portlaoise, Co Laois

### **Poster Display No. 18**

**MRI is Superior to Ultrasound for Investigation of Suspected Acute Appendicitis in Children**

K James, P Duffy, P Murphy, R Kavanagh, M Maher, O O'Connor

Radiology Department, Cork University Hospital, Cork

### **Poster Display No. 19**

**A Pictorial Review of MRI Brain Findings in Sickle Cell Disease**

**Dr Sinéad Culleton <sup>1</sup>, Dr Kelly Pegoretti <sup>1</sup>, Magdalena Sokolska <sup>2</sup>, Julia Markus <sup>3</sup>, Professor Rolf Jager <sup>1</sup>.**

Lysholm department of Neuroradiology. National hospital for Neurology and Neurosurgery, University College Hospital London Hospitals NHS Foundation Trust.

Centre for Medical Imaging Computing, University College London.

Department of Radiology, University College Hospital, University College Hospital London Hospitals NHS Foundation Trust.

### **Poster Display No. 20**

**Reversible Diffusion Restriction in Acute Cerebral Venous Thrombosis**

A Foran [1], D Brennan [1], D Bowden [1], S Looby [1], P Brennan [1]

[1] Department of Radiology, Beaumont Hospital, Beaumont, Dublin 9



## Poster Display List Contd.

### **Poster Display No. 21**

#### **A Pictorial Review of Version 2 of the Prostate Imaging Reporting and Data System (PI-RADS v2)**

Dr Steven G Dolan<sup>1</sup>, Dr Stephen P Power<sup>1</sup>, Dr Kevin O'Regan<sup>2</sup>

<sup>1</sup>Departments of Radiology, Cork University Hospital/Mercy University Hospital,

<sup>2</sup>Cork University Hospital Department of Radiology

### **Poster Display No. 22**

#### **Gadoxetate disodium enhanced MRI in the evaluation of liver lesions, a single centre experience.**

M Brassil, I Murphy, Department of Radiology, Tallaght Hospital, Dublin 24.

### **Poster Display No. 23**

#### **A Quantitative Study of MRI Growth and Key Areas of Innovation using Patent Analysis**

SF Murphy<sup>1</sup>, DM Dalton<sup>2</sup>, M Durand<sup>1</sup>, JP McMorro<sup>1</sup>, JF Meaney<sup>1</sup>

Centre for Advanced Medical Imaging, Department of Radiology, St James's Hospital, Dublin, Ireland<sup>1</sup>

Royal College of Surgeons in Ireland, Dublin, Ireland<sup>2</sup>